

PATENT APPLICATION  
TRANSMITTAL LETTER

PATENT YOR20030616US1  
IBM-267

17302 U.S. PTO  
10/731535  
120903

To the Commissioner of Patents and Trademarks:

Transmitted herewith for filing is the patent application of

ALEXEI A. KARVE, THOMAS E. CHEFALAS, STEVEN J. MASTRIANNI

entitled: METHOD AND APPARATUS TO MODEL ASSOCIATIONS WITH BITSETS WITHIN A DATABASE TO PROCESS QUERIES

Enclosed are:

- ☒ 5 sheet(s) of drawings  
☐ an assignment of the invention to \_\_\_\_\_  
☒ executed declaration of the inventor(s)  
☐ a certified copy of \_\_\_\_\_ application No. \_\_\_\_\_, the priority of which is hereby claimed.  
☐ associate power of attorney  
☐ a verified statement to establish small entity status under 37 CFR 1.9 and 1.27  
☐ information disclosure statement  
☐ preliminary amendment  
☐ other:

CLAIMS AS FILED

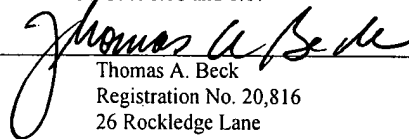
	NUMBER FILED	NUMBER EXTRA	RATE	FEE
BASIC FEE	////////////////		\$770	\$770
TOTAL CLAIMS IN EXCESS OF 20	36 - 20 =	16	x \$18	\$288
INDEPENDENT CLAIMS	4 - 3 =	1	x \$86	\$ 86
MULTIPLE DEPENDENT CLAIM PRESENT		////////	\$290	\$ --
*Number extra must be zero or larger		TOTAL		\$1144
If applicant has small entity status under 37 CFR 1.9 and 1.27, then divide total fee by 2, and enter amount here.		SMALL ENTITY TOTAL		

☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0510 as described below. I have enclosed a duplicate copy of this sheet.

- ☒ Charge the amount of \$ \_\_\_\_\_ as filing fee.  
☒ Credit any overpayment  
☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17

December 09, 2003  
Date

  
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EXPRESS MAIL CERTIFICATE

Date of Deposit: EU403533605US

I hereby certify that this paper or fee is being deposited December 9, 2003 with the U.S. Postal Service via Express Mail Service on the date indicated above and is addressed to Commissioner of Patents & Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450

Thomas A. Beck

Name of Person Mailing

Signature

